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529 Rec'd PCT/PTC 17 NOV 2000

Express Mail Label No. EL711221801US
Attorney's Docket No. S1022/8574

[Signature]

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: S1022/8574
Serial No.: Unassigned
Filing Date: Herewith
For: IMPROVEMENTS IN, OR RELATING TO, TELECOMMUNICATIONS
TRANSMISSION SYSTEMS

Examiner: Unassigned
Art Unit: Unassigned

Box PCT/Patent Application (DO/EO/US)
Commissioner for Patents
Washington, D.C. 20231

STATEMENT FILED PURSUANT TO THE DUTY OF
DISCLOSURE UNDER 37 CFR §1.56, 1.97 AND 1.98

Sir:

Pursuant to the duty of disclosure under 37 C.F.R. §1.56, 1.97 and 1.98, the Applicant requests consideration of this Information Disclosure Statement.

Compliance with 37 C.F.R. §1.97

This Information Disclosure Statement is being filed concurrently with the filing of a National Application. No fee or certification is required.

Information Cited

The Applicant hereby makes of record in the above-identified application the information listed on the attached form PTO-1449 (modified). The order of presentation of the references should not be construed as an indication of the importance of the references.

The Applicant hereby makes the following additional information of record in the above-identified application: The examiner's attention is hereby drawn to the attached International Search Report. As shown in the patent family search attached to the search report, U.S. Patent No. 5,652,772 corresponds to document WO 9 503 656, cited in the International Search Report.

REMARKS

A copy of each of the above-identified information is enclosed unless otherwise indicated on the attached form PTO-1449 (modified). It is respectfully requested that:

1. The Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims;
2. The enclosed form PTO-1449 be signed by the Examiner to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application;
3. The citations for the information be printed on any patent which issues from this application.

By submitting this Information Disclosure Statement, the Applicant(s) makes no representation that a search has been performed, of the extent of any search performed, or that more relevant information does not exist.

By submitting this Information Disclosure Statement, the Applicant(s) makes no representation that the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

By submitting this Information Disclosure Statement, the Applicant(s) makes no representation that the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. §102.

Notwithstanding any statements by the Applicant(s), the Examiner is urged to form his or her own conclusion regarding the relevance of the cited information.

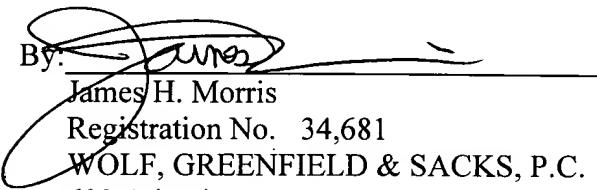
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An early and favorable action is hereby requested.

Respectfully submitted,

By: 
James H. Morris
Registration No. 34,681
WOLF, GREENFIELD & SACKS, P.C.
600 Atlantic Avenue
Boston, MA 02210
Tel. (617)720-3500
Attorneys for the Applicant(s)

Attorney's Docket No. S1022/8574
Dated: November 17, 2000

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|---|--|--------------------------|------------------------|
| FORM PTO-1449(Modified) | | ATTY. DOCKET NO.: S1022/ | SERIAL NO.: Unassigned |
| LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT | | APPLICANT: | |
| | | FILING DATE: Herewith | GROUP: Unassigned |

U.S. PATENT DOCUMENTS

| Exam Init | Ref Des | Document No. | Date | Name | Class | Sub Class | FILING DATE If Appropriate |
|-----------|---------|--------------|----------|-----------------|-------|-----------|----------------------------|
| | | 5,652,772 | 07/29/97 | Isaksson et al. | 375 | 367 | |
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FOREIGN PATENT DOCUMENTS

| | | Country & Doc. No. (11) | Pub. Date (43) | | Class | Sub Class | Translation Yes | No |
|--|--|-------------------------|----------------|--|-------|-----------|-----------------|----|
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OTHER ART

(Including Author, Title, Date, Pertinent Pages, Publication, Etc.)

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|--|--|--|--|
| | | | International Search Report from PCT/SE 99/00790, filed November 5, 1999 |
| | | | International Preliminary Examination Report from PCT/SE 99/00790, filed November 5, 1999 |
| | | | An Implementation of ODFM Receiver For Digital Terrestrial Television Broadcasting And Its Technologies, Harada, Y et al., Broadcasting Convention 1997, pages 337-342 |
| | | | IEEE Comm. Mag., pages 100-109, vol. 33, No. 2, February 1995, H.Sari, et al., Transmission Techniques for Digital Terrestrial TV Broadcasting, |
| | | | Low-Complex Frame Synchronization in OFDM Systems, van de Beek et al., Universal Personal Comm., 1995, Record 1995 Fourth IEEE International Conf. on pages 982-986 |

*a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. , filed , and relied upon for an earlier filing date under 35 U.S.C. 120 (divisional application).

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| EXAMINER | DATE CONSIDERED |
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant